

**Work Order ID 61141**

August 9, 2010 2:37:56 PM



Page 1

Item ID: D4026-041

Accept



Setup

Start

Stop

Start

Stop

Revision ID:

Item Name: Fuel Gauge Assembly

Start Date: 8/09/10 Start Qty: 1.00



Required Date: 8/11/10 Req'd Qty: 1.00



Reference:

Cust Item ID:

Customer:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

QC:

Date:

SPC (Y/N):

Date:

Start

Stop

Start

Stop

| Sequence ID/<br>Work Center ID | Operation<br>Description |
|--------------------------------|--------------------------|
|--------------------------------|--------------------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D4026    | A            |

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

100



Small Fab

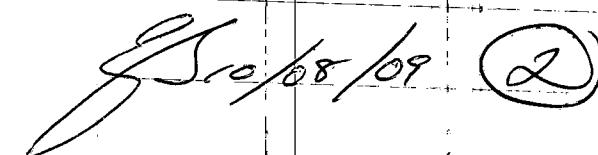
0.00

Small Fab

Memo

0.00

Assemble as per dwg notes



110

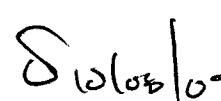


QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00




120



Packaging

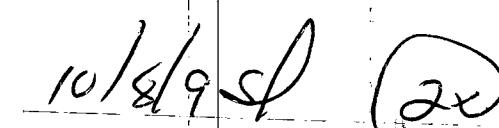
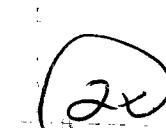
Packaging

Identify as per dwg &amp; Stock Location: \_\_\_\_\_

0.00

Memo

0.00

**Work Order ID 61141**

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Page 2

Item ID: D4026-041

Accept



Setup

Start



Revision ID:

Item Name: Fuel Gauge Assembly

Start Date: 8/09/10 Start Qty: 1.00



Required Date: 8/11/10 Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center ID

130



QC

Quality Control

Operation  
Description

QC21- Final Inspection - Work Order Release

Set Up/  
Run Hours

0.00

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

10/08/03 JF  
MF  
10-8-9

Memo

0.00

Picklist Print

August 9, 2010 2:37:51 PM

Page 1

Work Order ID: 61141



Parent Item: D4026-041



Parent Item Name: Fuel Gauge Assembly

Start Date: 8/09/10

Start Qty: 1.00

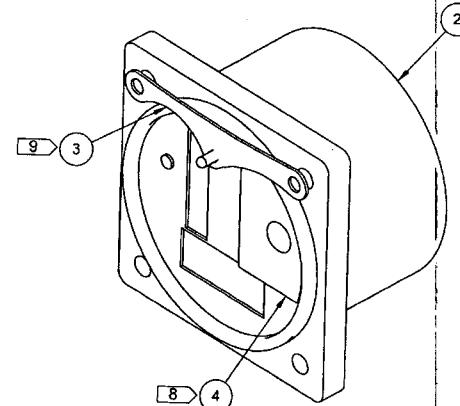
Required Date: 8/11/10

Required Qty: 1.00

Comments: IPP Rev:A 10.05.17 as per ECN10-562 DD verf:EC

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued       | Date<br>Issued      | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------------|---------------------|--------|
| D4014-1<br>                     |                        | Manufactured  | No          |                     |                  | 100             | Each               | 2.0000         | 1           | 1            |                     | <i>EJS 10/08/09</i> |        |
| Switch Plate                    |                        |               |             | <u>Location</u>     |                  |                 | <u>Loc Qty</u>     |                |             |              |                     | <i>B61134(2x)</i>   |        |
|                                 |                        |               |             | ENG                 |                  |                 | 2                  |                |             |              |                     |                     |        |
|                                 |                        |               |             |                     | 55877            |                 | 2                  |                |             |              |                     |                     |        |
| D4014-3<br>                     |                        | Manufactured  | No          |                     |                  | 100             | Each               | 9.0000         | 1           | 1            |                     | <i>EJS 10/08/09</i> |        |
| Guage Cover                     |                        |               |             | <u>Location</u>     |                  |                 | <u>Loc Qty</u>     |                |             |              |                     | <i>2</i>            |        |
|                                 |                        |               |             | ENG                 |                  |                 | 9                  |                |             |              |                     |                     |        |
|                                 |                        |               |             |                     | 55878            |                 | 9                  |                |             |              |                     |                     |        |
| D4026-1<br>                     |                        | Manufactured  | No          |                     |                  | 100             | Each               | 2.0000         | 1           |              | <i>EJS 10/08/09</i> |                     |        |
| Fuel Gauge                      |                        |               |             | <u>Location</u>     |                  |                 | <u>Loc Qty</u>     |                |             |              |                     | <i>2</i>            |        |
|                                 |                        |               |             | ENG                 |                  |                 | 2                  |                |             |              |                     |                     |        |
|                                 |                        |               |             |                     | 55885            |                 | 2                  |                |             |              |                     |                     |        |

| ITEM NO. | QTY.<br>-041 | PART NUMBER | DESCRIPTION         | JOHN CAMERON AVIATION<br>PART NUMBER |
|----------|--------------|-------------|---------------------|--------------------------------------|
| 1        | X            | D4026-041   | FUEL GAUGE ASSEMBLY | FL-100-R-JCA (REF)                   |
| 2        | 1            | D4026-1     | FUEL GAUGE          |                                      |
| 3        | 1            | D4014-1     | SWITCH PLATE        |                                      |
| 4        | 1            | D4014-3     | GAUGE COVER         |                                      |
| 5        | A/R          |             | DOUBLE SIDED TAPE   |                                      |



D4026-041 FUEL GAUGE ASSEMBLY

A NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4026-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.24 lbs
- 8) ATTACH D4014-3 GAUGE COVER USING DOUBLE SIDED TAPE
- 9) D4014-1 SWITCH COVER INCLUDED WITH ASSEMBLY, INSTALLED DURING GAUGE INSTALLATION IN AIRCRAFT

| A          | NEW ISSUE   | 6     | 10.02.05 |
|------------|-------------|-------|----------|
| REV.       | DESCRIPTION | BY    | DATE     |
| DESIGN     |             |       |          |
| DRAWN      |             |       |          |
| CHECKED    |             |       |          |
| MFG. APPR. |             |       |          |
| APPROVED   |             |       |          |
| DE APPR.   |             |       |          |
| DATE       | 10.02.05    | SCALE | NTS      |

DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4026 SHEET 1 OF 2  
REV. A

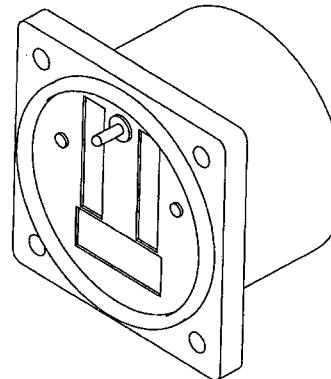
TITLE: FUEL GAUGE

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RELEASED  
2010-05-05  
Wb 60141

|                               |                                      |
|-------------------------------|--------------------------------------|
| DART AEROSPACE<br>PART NUMBER | JOHN CAMERON AVIATION<br>PART NUMBER |
| D4026-1                       | FL-100-R-JCA                         |

## SPECIFICATION CONTROL DRAWING



WLO 6441

| DART PART NUMBER | MANUFACTURER         | MANUFACTURER PART NUMBER | POSSIBLE SUPPLIER             | SUPPLIER PART NUMBER | OPERATING TEMPERATURE          | POWER CONSUMPTION  | SENSORS SUPPORTED  | OPERATING VOLTAGE |
|------------------|----------------------|--------------------------|-------------------------------|----------------------|--------------------------------|--|--|-------------------|
| D4026-1          | AEROSPACE LOGIC INC. | FL-100-R                 | AIRCRAFT SPRUCE AND SPECIALTY | 10-00304             | -15°C TO +55°C<br>5°F TO 131°F | 450 mA MAX (DAY OPERATION)<br>60mA MIN (NIGHT OPERATION) | RESISTIVE SENSORS OF ALL TYPES<br>R <sub>MAX</sub> = 300 OHMS<br>R <sub>MIN</sub> = 0 OHMS | 6 - 32 VDC        |

### D4026-1 FUEL GAUGE

RELEASED  
2010-05-05  
W

NOTES:  
 1) MATERIAL: N/A  
 2) FINISH: N/A  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
 6) IDENTIFICATION: N/A  
 7) WEIGHT: N/A

|            |          |                             |
|------------|----------|-----------------------------|
| DESIGN     |          | DART AEROSPACE LTD          |
| DRAVN      |          | HAWKESBURY, ONTARIO, CANADA |
| CHECKED    |          | REV. A                      |
| MFG. APPR. | D4026    | SHEET 2 OF 2                |
| APPROVED   |          |                             |
| DE APPR.   |          | NTS                         |
| DATE       | 10.02.05 |                             |

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